

## Network Video Recorder NVR301-S3-P Series



## Features

- Support Ultra 265/H.265/H.264 video formats
- 4/8/16-channel input
- Plug & Play with 4/8 independent PoE network interfaces
- Support 1-ch HDMI, 1-ch VGA, HDMI up to 4K (3840x2160) resolution
- HDMI and VGA simultaneous output
- Up to 4K resolution recording
- Support cloud upgrade

## Specifications

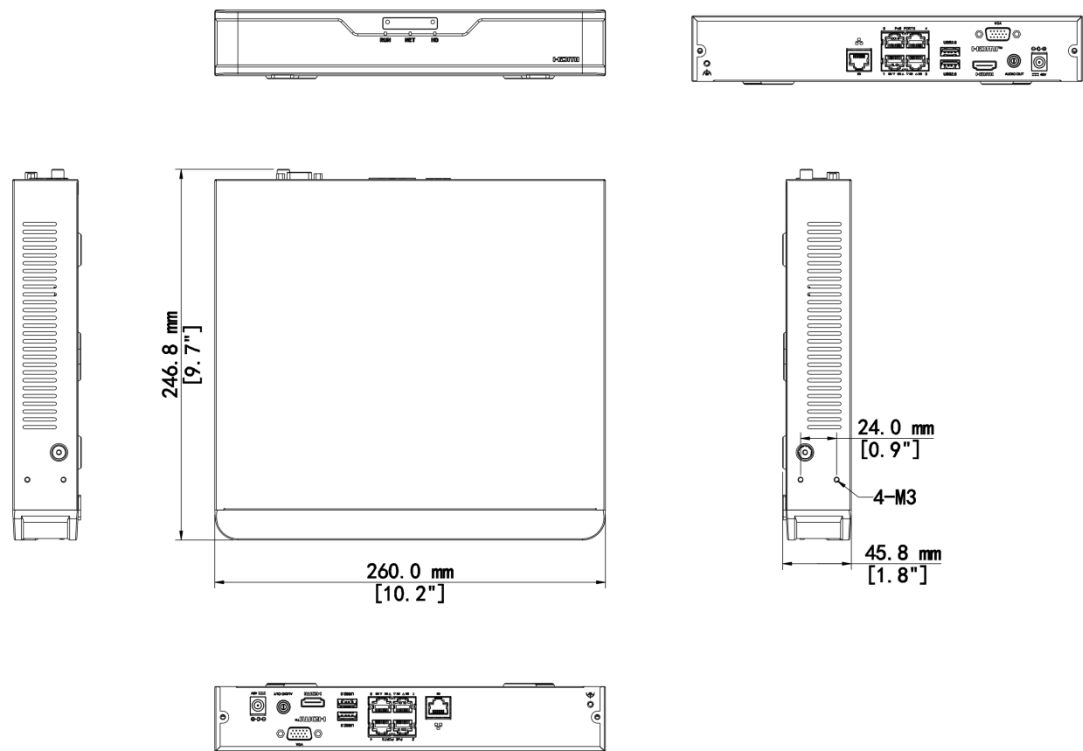
| Model                           | NVR301-04S3-P4                                                                                                                         | NVR301-08S3-P8                                                                                                                         | NVR301-16S3-P8                                                                                                        |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Decoding                        |                                                                                                                                        |                                                                                                                                        |                                                                                                                       |
| Decoding Format                 | Ultra 265, H.265, H.264                                                                                                                |                                                                                                                                        |                                                                                                                       |
| Decoding Capability             | 1 x 4K@30, 4 x 5MP@25, 4 x 4MP@25, 4 x 3MP@25                                                                                          | 1 x 4K@30, 4 x 5MP@25, 4 x 4MP@25, 4 x 3MP@25, 6 x 1080P@30, 8 x 720P@30                                                               | 1 x 4K@30, 4 x 5MP@25, 4 x 4MP@25, 4 x 3MP@25, 4 x 1080P@30, 8 x 720P@30, 16 x D1@25                                  |
| Decoding Capability Description | The resolution of each channel cannot exceed 4000 pixels in length and 3000 pixels in width                                            | The resolution of each channel cannot exceed 4000 pixels in length and 3000 pixels in width                                            |                                                                                                                       |
| Audio Compression               | G.711A, G.711U                                                                                                                         |                                                                                                                                        |                                                                                                                       |
| Network                         |                                                                                                                                        |                                                                                                                                        |                                                                                                                       |
| Incoming Bandwidth              | 64 Mbps                                                                                                                                |                                                                                                                                        |                                                                                                                       |
| Outgoing Bandwidth              | 48 Mbps                                                                                                                                |                                                                                                                                        |                                                                                                                       |
| Remote Users                    | 128                                                                                                                                    |                                                                                                                                        |                                                                                                                       |
| Protocols                       | TCP/IP P2P UPnP NTP DHCP PPPoE HTTP HTTPS DNS DDNS SMTP RTSP IPv4                                                                      | TCP/IP P2P UPnP NTP DHCP PPPoE HTTP HTTPS DNS DDNS SMTP RTSP IPv4                                                                      | TCP/IP P2P UPnP NTP DHCP PPPoE HTTP HTTPS DNS DDNS SMTP RTSP                                                          |
| Browser (Plugin)                | IE10, IE11, Chrome 45+, Edge 79+, Firefox 52+                                                                                          | IE10, IE11, Chrome 45+, Edge 79+, Firefox 52+                                                                                          | Windows:IE(IE10/11), Firefox (version 52.0 and above), Chrome(version 45 and above), Edge(version 79 and above)       |
| Video/Audio Input               |                                                                                                                                        |                                                                                                                                        |                                                                                                                       |
| IP Video Input                  | 4-ch                                                                                                                                   | 8-ch                                                                                                                                   | 16-ch                                                                                                                 |
| Video/Audio Output              |                                                                                                                                        |                                                                                                                                        |                                                                                                                       |
| HDMI Output                     | 4K (3840 × 2160)/30 Hz, 1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz | 4K (3840 × 2160)/30 Hz, 1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz | HDMI:4K(3840x2160)/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz |
| VGA Output                      | 1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz                         | 1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz                         | VGA:1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz                      |
| RCA Audio Output                | 1-ch                                                                                                                                   |                                                                                                                                        |                                                                                                                       |

|                               |                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                    |                                                                                                                     |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Liveview Display              | 1/4                                                                                                                                                                                                                                | 1/4/6/8/9                                                                                                                                                                                                                          | 1/4/6/8/9/16                                                                                                        |
| Corridor Mode Screen          | 3/4                                                                                                                                                                                                                                | 3/4/5/7/9                                                                                                                                                                                                                          | 3/4/5/7/9/10/12/16                                                                                                  |
| Snapshot                      |                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                    |                                                                                                                     |
| FTP/Schedule/Event Snapshot   | 1-ch snapshot (max. D1 (720 × 576) video resolution, with D1 snapshot resolution)                                                                                                                                                  | 1-ch snapshot (max. D1 (720 × 576) video resolution, with D1 snapshot resolution)                                                                                                                                                  | 1-ch snapshot, up to D1 resolution                                                                                  |
| Recording                     |                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                    |                                                                                                                     |
| Recording Resolution          | 8 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIF                                                                                                                                                                               |                                                                                                                                                                                                                                    |                                                                                                                     |
| Synchronous Playback in Local | 4-ch                                                                                                                                                                                                                               | 8-ch                                                                                                                                                                                                                               | 16-ch                                                                                                               |
| Smart                         |                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                    |                                                                                                                     |
| VCA Detection by IPC          |                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                    | Face Detection SIP (Intrusion Detection, Cross Line Detection, Enter Area, Leave Area) Ultra Motion Detection (UMD) |
| Smart by IPC                  | Total 4-ch(Face Detection, SIP, UMD)                                                                                                                                                                                               |                                                                                                                                                                                                                                    |                                                                                                                     |
| VCA Search                    | Face Snapshot Search, Behavior Search                                                                                                                                                                                              |                                                                                                                                                                                                                                    |                                                                                                                     |
| Alarm                         |                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                    |                                                                                                                     |
| General Alarm                 | Auto Tracking, Motion Detection, Tampering, Human Body Detection, Video Loss, Alarm Input, Audio Detection                                                                                                                         |                                                                                                                                                                                                                                    |                                                                                                                     |
| Alert Alarm                   | IP Conflict, Network Disconnected, Disk Offline, Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording/Snapshot Abnormal                                                                                   |                                                                                                                                                                                                                                    |                                                                                                                     |
| GUI Language                  |                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                    |                                                                                                                     |
| GUI Language                  | 21 languages: Chinese, English, Vietnamese, Thai, Turkish, Spanish (Latin America), Portuguese (Brazil), Spanish, Portuguese, French, German, Italian, Dutch, Polish, Czech, Hungarian, Slovak, Russian, Hebrew, Arabic, Ukrainian | 21 languages: Chinese, English, Vietnamese, Thai, Turkish, Spanish (Latin America), Portuguese (Brazil), Spanish, Portuguese, French, German, Italian, Dutch, Polish, Czech, Hungarian, Slovak, Russian, Hebrew, Arabic, Ukrainian |                                                                                                                     |
| Hard Disk                     |                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                    |                                                                                                                     |
| SATA                          | 1 SATA Interface                                                                                                                                                                                                                   |                                                                                                                                                                                                                                    |                                                                                                                     |
| Capacity                      | Up to 10 TB for each HDD (The maximum HDD capacity varies with environment temperature and hard disk size)                                                                                                                         | Up to 10 TB for each HDD (The maximum HDD capacity varies with environment temperature and hard disk size)                                                                                                                         | Up to 10 TB for each HDD (The maximum HDD capacity varies with environment temperature)                             |
| External Interface            |                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                    |                                                                                                                     |
| Network Interface             | 1 RJ45 10 M/100 M self-adaptive Ethernet Interface                                                                                                                                                                                 |                                                                                                                                                                                                                                    |                                                                                                                     |
| USB                           | Rear panel: 2 × USB2.0                                                                                                                                                                                                             |                                                                                                                                                                                                                                    |                                                                                                                     |

|                                 |                                                    |                                                    |                                                    |
|---------------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|
| RS485                           | N/A                                                |                                                    |                                                    |
| RS232                           | N/A                                                |                                                    |                                                    |
| Alarm In                        | N/A                                                |                                                    |                                                    |
| Alarm Out                       | N/A                                                |                                                    |                                                    |
| Power Supply                    | DC 48 V/1.35 A                                     | DC 52 V/1.8 A                                      | DC 52 V/1.8 A                                      |
| PoE                             |                                                    |                                                    |                                                    |
| PoE Interface                   | 4 RJ45 10 M/100 M self-adaptive Ethernet Interface | 8 RJ45 10 M/100 M self-adaptive Ethernet Interface | 8 RJ45 10 M/100 M self-adaptive Ethernet Interface |
| Max Power                       | Max 30 W for single port, Max 54 W in total        | Max 30 W for single port, Max 75 W in total        | Max 30 W for single port, Max 75 W in total        |
| Supported Standard              | IEEE 802.3at, IEEE 802.3af                         |                                                    |                                                    |
| Working Environment             |                                                    |                                                    |                                                    |
| Working Temperature             | -10 °C to 55 °C (14 °F to 131 °F)                  |                                                    |                                                    |
| Working Humidity                | ≤ 90% RH (non-condensing)                          |                                                    |                                                    |
| Power Consumption (without HDD) | ≤ 9W                                               |                                                    |                                                    |
| Dimensions                      |                                                    |                                                    |                                                    |
| Weight (without HDD)            | ≤ 1.1Kg (2.43lb)                                   |                                                    |                                                    |
| Dimensions                      | 260mm × 240mm × 46mm (10.2"×9.4"×1.8")             |                                                    |                                                    |
| Certification                   |                                                    |                                                    |                                                    |
| Certification                   | CE; FCC; UL; RoHS; WEEE                            |                                                    |                                                    |
| CE                              | EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035 |                                                    |                                                    |
| FCC                             | Part15 Subpart B                                   |                                                    |                                                    |

## Dimensions

Aggregate product size diagram using NVR301-04S3-P4 as an example



## Accessories

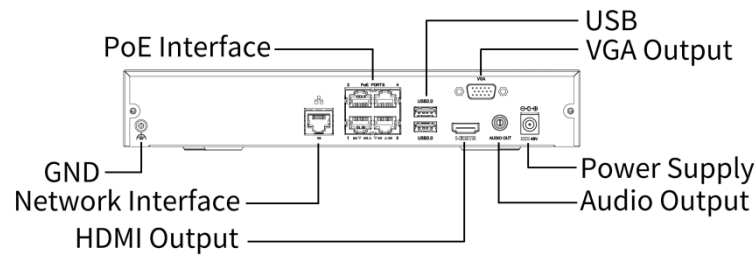
### RM-1U-260

1 HDD 1U NVR Rack Mount

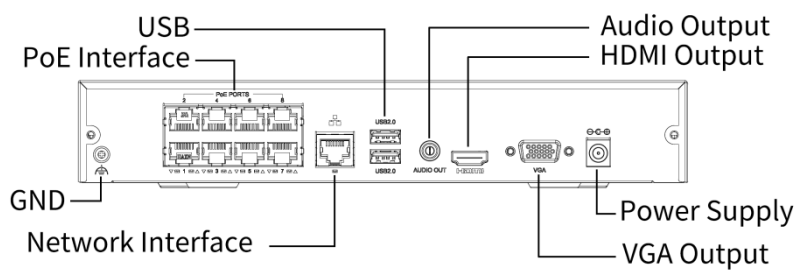


## Rear Panel

[NVR301-04S3-P4]



[NVR301-08/16S3-P8]



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